Lanna

Jargon

Kit Johnstone Tyabandha, Ph.D.

Isometry and Isomorphy of language concern with the grammar, that is with the problem of how to make two sets of alphabet equivalent to each other. When it comes to proper names, if the subject of discussion is animate and living, and the purpose is legal or related to global security or the environment, isomorphism may be more helpful and desired. But imagine a certain branch of science where the jargon was already isomorphic with respect to the Roman script. If we want to write a textbook on that subject in the Lanna script, we may want to do the isomorphy the other way round, that is to say, writing the jargon in the script we use to write our book. In short, if we could write all the languages of the world using the Roman script, we would have one isometry based on that script; if we did a similar thing using instead the Lanna script, we would have another isometry based this time on that other script. The present section of this textbook on Lanna gives a method of writing the Roman alphabet using Lanna script. It represents but a glimpse into a Lanna-based isometry; only a glimpse because our purpose is in writing science in Lanna, using the Lanna script, and not in writing, say Engligh using the same. We may call for short 'Lanna isometry' the Lanna-based isometry. Then we have, for example a Roman isomorphy of Lanna, and a Lanna isomorphy of English. The Roman-Lanna pairs below are of the form (x, y), where x is a Roman character, and y is a Lanna isomorphy of the same. Further, (x) means $x = y$, and (x, y_1y_2) a one-to-many relation. The unusual "i' is the Lanna i symbol together with a ya subscript. Examples are names of constellations, as well as a few stars and planets. No definition is given when the Lanna isomorphy is the same as the original.

Roman-Lanna.

$$\left\{\begin{array}{ccccccccc} (\text{a}, \text{-}) & (b) & (\text{c}, (\text{g})(\acute{\text{s}})) & (\text{d}, \dot{\text{d}}) & (e) & (f) & (g) & (h) & (i) \\ (j) & (k) & (l) & (m) & (n) & (o) & (p) & (\text{q}, \dot{\text{k}}\text{h}) & (r) \\ (s) & (t) & (u) & (v) & (\text{w}, \text{vh}) & (\text{x}, \dot{\text{s}}) & (\text{y}, (\text{y})(\text{'i})) & (\text{z}, \text{z}) & (\text{ch}, \text{kh}) \\ (\text{ph}, \text{fh}) & (th) & & & & & & & \end{array}\right\}$$

Example. [Akhernar] (Achernar); [Aḳhuarius] (Aquarius), (gen) [Aḳhuarii] (Aquarii); [Aḳhuila] (Aquila), (gen) [Aḳhuilae] (Aquilae); [Aḳhuira] (Aquira); [Alḍebaran] (Aldebaran); [Alfha Śentauri] (Alpha Centauri); [Altair]; [Anḍromeḍa] (Andromeda), (gen) [Anḍromeḍae] (Andromedae); [Antalia] (Antlia), (gen) [Antaliae] (Antliae); [Antares]; [Apus], (gen) [Apoḍis] (Apodis); [Ara], (gen) [Arae]; [Argturus] (Arcturus); [Aries], (gen) [Arietis]; [Auriga], (gen) [Aurigae]; [Beta Śentauri] (Beta Centauri); [Betelgeus] (Betelgeuse); [Bootes] (Boötes), (gen) [Bootis] (Boötis); [Ḍelfhinus] (Delphinus), (gen) [Ḍelfhini] (Delphini); [Ḍeneb] (Deneb); [Ḍoraḍo] (Dorado), (gen) [Ḍoraḍus] (Doradus); [Ḍrago] (Draco), (gen) [Ḍragonis] (Draconis); [Eartha] (Earth); [Eḳhuuleus] (Equuleus), (gen) [Eḳhuulei] (Equulei); [Eriḍanus] (Eridanus), (gen) [Eriḍani] (Eridani); [Fhoenṣ] (Phoenix), (gen) [Fhoeniśis] (Phoenicis); [Formahaut]; [Fornaṣ] (Fornax), (gen) [Fornaśis] (Fornacis); [Gemini], (gen) [Geminorum]; [Grus], (gen) [Gruis]; [Ġaelum] (Caelum), (gen) [Ġaeli] (Caeli); [Ġameloparḍalis] (Camelopardalis); [Ġanes Venatiśi] (Canes Venatici), (gen) [Ġanes Venatigorum] (Canes Venaticorum); [Ġanis Major] (Canis Major), (gen) [Ġanis Majoris] (Canis Majoris); [Ġanis Minor] (Canis Minor), (gen) [Ġanis Minoris] (Canis Minoris); [Ġanopus] (Canopus); [Ġanśer] (Cancer), (gen) [Ġangri] (Cancri); [Ġapella] (Capella); [Ġaprigornus] (Capricornus), (gen) [Ġaprigorni] (Capricorni); [Ġarina] (Carina); [Ġassiopeia] (Cassiopeia), (gen) [Ġassiopeiae] (Cassiopeiae); [Ġastor] (Castor); [Ġolumba] (Columba), (gen) [Ġolumbae] (Columbae); [Ġoma Bereniśes] (Coma Berenices), (gen) [Ġomae Bereniśes] (Comae Berenices); [Ġorona Borealis] (Corona Borealis), (gen) [Ġoronae Borealis] (Coronae Borealis); [Ġorvus] (Corvus), (gen) [Ġorvi] (Corvi); [Ġrater] (Crater), (gen) [Ġrateris] (Crateris); [Ġorona Australis] (Corona Australis), (gen) [Ġoronae Australis] (Coronae Australis); [Ġruṣa] (Crux), (gen) [Ġruśis] (Crucis); [Hergules] (Hercules), (gen) [Hergulis] (Herculis); [H'iḍra] (Hydra), (gen) [H'iḍrae] (Hydrae); [H'iḍrus] (Hydrus),

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(gen) [H'iḍri] (Hydri); [Horologium], (gen) [Horologii]; [Inḍus] (Indus), (gen) [Inḍi] (Indi); [Jupiter]; [Khamaeleon] (Chamaeleon), (gen) [Khamaeleontis] (Chamaeleontis); [Laśerta] (Lacerta), (gen) [Laśertae] (Lacertae); [Leo], (gen) [Leonis]; [Leo Minor], (gen) [Leonis Minoris]; [Lepus], (gen) [Leporis]; [Libra], (gen) [Librae]; [L'inṣa] (Lynx), (gen) [L'inśis] (Lyncis); [L'ira] (Lyra), (gen) [L'irae] (Lyrae); [Lupus], (gen) [Lupi]; [Marsa] (Mars); [Mensa], (gen) [Mensae]; [Merġur'i] (Mercury); [Miġrosġopium] (Microscopium), (gen) [Miġrosġopii] (Microscopii); [Monośeros] (Monoceros), (gen) [Monośerotis] (Monocerotis); [Musġa] (Musca), (gen) [Musġae] (Muscae); [Neptun] (Neptune); [Norma], (gen) [Normae]; [Oġtansa] (Octans), (gen) [Oġtantis] (Octantis); [Ofhiukhus] (Ophiuchus), (gen) [Ofhiukhi] (Ophiuchi); [Orion], (gen) [Orionis]; [Pavo], (gen) [Pavonis]; [Pegasus], (gen) [Pegasi]; [Perseus], (gen) [Persei]; [Pigtor] (Pictor); [Pisśes] (Pisces), [Pisśium] (Piscium); [Pisśis Austrinus] (Piscis Austrinus), [Pisśis Austrini] (Piscis Austrini); [P'iṣis] (Pyxis), (gen) [P'iṣiḍis] (Pyxidis); [Pleiaḍes] (Pleiades); [Pluto]; [Polluṣ] (Pollux); [Proś'ion] (Procyon); [Puppis]; [Regalus] (Reglus); [Regiġulum] (Reticulum), (gen) [Retiġuli] (Reticuli); [Rigel]; [Sagitta], (gen) [Sagittae]; [Sagittarius]; [Saġorpius] (Scorpius), (gen) [Saġorpii] (Scorpii); [Saġulpator] (Sculptor), [Saġulpatoris] (gen. Sculptoris); [Saġutum] (Scutum); [Sapiġa] (Spica); [Saturna] (Saturn); [Serpens], (gen) [Serpentis]; [Serpens Ġaput] (Serpens Caput); [Seṣtansa] (Sextans), (gen) [Seṣtantis] (Sextantis); [Sirius]; [Śentaurus] (Centaurus), (gen) [Śentauri] (Centauri); [Śefheus] (Cepheus), (gen) [Śefhei] (Cephei); [Śetus] (Cetus), (gen) [Śeti] (Ceti); [Ś'ignus] (Cygnus), (gen) [Ś'igni] (Cygni); [Śirśinus] (Circinus), (gen) [Śirśini] (Circini); [Taurus], (gen) [Tauri]; [Tri'angulum] (Triangulum), (gen) [Tri'anguli] (Trianguli); [Tri'angulum Australe] (Triangulum Australe), (gen) [Tri'anguli Australis] (Trianguli Australis); [Tuġana] (Tucana), (gen) [Tuġanae] (Tucanae); [Urenus]; [Ursa Major], (gen) [Ursae Majoris]; [Ursa Minor], (gen) [Ursae Minoris]; [Vega]; [Vela], (gen) [Velorum]; [Venus]; [Virgo], (gen) [Virginis]; [Volansa] (Volans), (gen) [Volantis]; [Vulpeġula] (Vulpecula), (gen) [Vulpeġulae] (Vulpeculae)

Bibliography

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